

MURZAYEV, B.; **SHCHERBAKOV, D.I.,** akademik, redaktor; **DOBRONRAVOVA, K.O.,**
redaktor; **POLYAKOVA, T.V.,** tekhnicheskiiy redaktor.

[In distant Asia; historical sketches of explorations in Central
Asia during the 19th and 20th centuries] V dalekei Azii; echerki
po istorii izucheniia Srednei Tsentral'nei Azii v XIX - XX vekakh.
Moskva, Izd-vo Akademii nauk SSSR, 1956. 221 p. (MLRA 9:5)
(Soviet Central Asia)

MURZAYEV, E.M.; ZAYCHIKOV, V.T., doktor geograficheskikh nauk, otvetstvennyy
redaktor; MARKOV, V.Ya., redaktor izdatel'stva; NEVRAYEVA, E.A.,
tekhnicheskiy redaktor

[Northeastern China; a study in physical geography] Severo-vostochnyi
Kитай; fiziko-geograficheskoe opisanie. Moskva, Izd-vo Akademii nauk
SSSR, 1956. 250 p. (MIRA 9:10)
(China--Physical geography)

BERG, Lev Semenovich, akademik; GELLER, S.Yu.; GERASIMOV, I.P., akademik;
GRIGOR'YEV, A.A., akademik; KALENIK, S.V.; LINDBERG, G.U.; MARKOV,
K.K.; MURZAYEV, E.M., doktor geograficheskikh nauk, otvetstvennyy
redaktor; NIKOL'SKIY, G.V.; NIKOL'SKAYA, V.V.; OBRUCHEV, D.V.;
PAVLOVSKIY, Ye.N., akademik; SVETOVIDOV, A.N.; BOLYNSKAYA, V.S.,
redaktor izdatel'stva; KASHINA, F.S., tekhnicheskiy redaktor;
ZHMLYAKOVA, T.A., tekhnicheskiy redaktor

[Selected works] Izbrannye trudy. Moskva, Izd-vo Akademii nauk
SSSR. Vol.1. [The history of science] Istorii nauki. 1956. 394 p.
(MLRA 9:9)

1. Chlen-korrespondent AN SSSR (for Kalesnik, Nikol'skiy, G.V.,
Svetovidov)
(Science--History)

ARMAND, David L'vovich; DOBRYNIN, Boris Fedorovich [deceased]; YEFREMOV, Yuriy Konstantinovich; ZIMAN, Lev Yakovlevich; MURZAYEV, Eduard Makharovich; SPRIGINA, Lyudmila Ivanovna; MESTERGAZI, M.M. [deceased] redaktor; VASIL'YEVA, O.S., redaktor; SMIRNOVA, M.P., redaktor; MARCHENKO, N.N., tekhnicheskii redaktor.

[Non-Soviet Asia; its physical geography] Zarubezhnaia Azia, fizicheskaya geografiya. Moskva, Gos.uchebno-pedagog.izd-vo Ministerstva prosveshcheniya RSFSR, 1956. 606 p.[Supplement] Prilozheniya 1956 13 leaves (fold.maps). (MLBA 9.5)
(Asia--Physical geography)

MURZAYEV, E. M.

Translation from: Referativnyy zhurnal, Geografiya, 1957, Nr. 7,
p 19 (USSR)

14-57-7-14395

AUTHOR: Murzayev, E.M.

TITLE: A Comparative Analysis of Natural Conditions in the
Arid Sections of Central Asia (Sravnitel'nyy analiz
prirodnikh usloviy zasushlivykh rayonov Sredney Azii)

PERIODICAL: V sb: Vopr. geografii. Moscow-Leningrad, AN SSSR, 1956,
pp 382-387

ABSTRACT: The author divides the Central Asian deserts into three
subzones: The Kazakhstani in the north, the Turanian
(transitional) in the center, and the subtropical in
the south. He gives a short comparative description
of each subzone.

Card 1/1

BONDARUK, G.I., red.; LUKZAYEV, M.I., red.; LUKZAYEV, M.I., red.;
red.; TSYBUL'SKIY, V.V., red.; LAVYDOVA, G.A., red.

[Toponymy of the East, new red. izdaniye Toponimika
Vostoka; novye issledovaniya, 1 izdaniye, Nauka, 196...
227 p.

1. Akademiya nauk SSSR. Institut yazykov Azii.

MURZAYEV, E.M.

Regional geography in the German Democratic Republic. Izv. Ak
SSSR. Ser. geog. no.5:94-98 S-0 '64.

(MIRA 17:11)

MURZAYEV, E.M., doktor geograf. nauk

Soviet geographers in Vietnam. Vest. AN SSSR 34 no.10:85-88 G '64.
(MIRA 17:11)

MURZAYEV, E.M.

Vladimir Afanas'evich Obruchev. Izv.AN SSSR. Ser.geog.
no.5:4-8 S-O '56.

(MLRA 9:11)

(Obruchev, Vladimir Afanas'evich, 1863-1956)

Murzaev E.M.
KRZHIZHANOVSKIY, G.M., akademik; AYVAZIAN, V.G.; ALAMPIYEV, P.M.;
BUYANOVSKIY, M.S.; VARTAZAROV, S.Ya.; VEYTS, V.I.; GUVIN, F.F.;
DYMITRASHKO, N.V.; KARAULOV, N.A.; KOCHARYAN, G.A.;
KRITSKIY, S.N.; LEBEDEV, M.M.; MURZAYEV, E.M.; FEL'DMAN, M.P.;
SHCHENGLIYAN, P.G.; ERISTOV, V.S.

Sukias Efremovich Manaserian; obituary. Izv.AN SSSR. Ser.geog.
no.5:143-144 S-O '56. (MLRA 9:11)

(Manaserian, Sukias Efremovich, 1881-1956)

ALAMPIYEV, P.M.

ALAMPIYEV, P.M.; APENCHENKO, V.S.; BEKOVA, T.N.; BYUSEGENS, L.M.; GINZBURG, G.Z.; GORDONOV, L.Sh.; GRIGOR'YEV, A.A., akademik; GURARI, Ye.L.; DANILOV, A.D.; EMIN, L.A.; DOBROV, A.S.; SHIRMUNSKIY, M.M.; KULAGIN, G.D.; MILEYKOVSKIY, A.G.; MURZAYEV, E.M.; PAVLOV, V.V.; POPOV, K.M.; YANITSKIY, N.F.

Lev Iakovlevich Ziman, 1900-1956; obituary. Izv. AN SSSR.Ser.geog.
no.6:153-154 N-D '56.

(MLRA 10:1)

(Ziman, Lev Iakovlevich, 1900-1956)

MURZAYEV, E.M., doktor geograficheskikh nauk.

Origin of geographic names. Priroda 45 no.7:39-46 JI '56.
(Names, Geographical) (MLRA 9:9)

MURZAYEV, E.M., doktor geograficheskikh nauk.

Amazing voyage ("Kon-Tiki; across the Pacific by raft." Thor
Heyerdahl. Reviewed by E.M.Murzaev). Priroda 45 no.8:118-121
Ag '56. (MLRA 9:9)

1. Institut geografii Akademii nauk SSSR, Moskva.
(Kon-Tiki ekspeditsionen, 1947)

А. И. И. И. И. И. И.

USSR/General Division - History. Classics. Personalities.

A-2

Abs Jour : Ref Zhur - Biologiya, No 1, 1957, 38.

Author : E.M. Murzayer

Inst :

Title : On the 50th Birthday of Academician I.P. Gerasimov.

Orig Pub : Izv. Vses. geogr. o-va, 1956, 88, No 2, 191-193.

Abst : A sketch on the scientific, pedagogic, and public activities of Academician Innokentiy Petrovich Gerasimov (born in 1905), the well-known geographer-geomorphologist and soil authority, great specialist in the field of paleogeography, and director of the Institute of Geography, Academy of Sciences USSR. He solved the little known problems of geomorphology and soil cultivation of arid zones; of geographic zones of the glacial period, the nature of arid areas, and so forth. In the 30 years of scientific activity, Gerasimov has taken part in expeditions to many areas of the USSR; Central Asia,

Card 1/2

USSR/General Division - History. Classics. Personalities.

A-2

Abs Jour : Ref Zhur - Biologiya, No 1, 1957, 38.

Kazakhstan, Western Siberia, and a number of foreign countries. He collected an abundance of data on quaternary deposits in arid zones, made a paleogeographic analysis of their Quaternary past, and so forth. During the past 5 years Gerasimov gathered considerable data on the arid areas of the Old World (Eurasia and Africa). He is the author of more than 200 works, among them; "The Basic Features of the Development of the Contemporary Surface of Turan", (1937); "The Glacial Period on the Territory of USSR" (jointly with K.K. Markov). Gerasimov's editorial activity is noted. A list of Gerasimov's more important works (28 titles) is provided.

Card 2/2

210410 000000
BERGER, Ya.M. [translator]; GAVRILOV, V.G., [translator]; MITBREY, B.A.
[translator]; MURZAYEV, E.M., red.; REFEYUM, Yu.Ya., red.;
KLIMENKO, S.V., tekhn.red.

[Physicogeographic zoning of China; a collection of articles.
Translated from the Chinese] Fiziko-geograficheskoe raionirovanie
Kitaya; sbornik statei. Predisl. i red. E.M.Murzaeva. Moskva,
Izd-vo inostr. lit-ry. No.1. 1957. 235 p. (MIRA 11:5)
(China--Zoning maps)

MURZAYEV, Eduard Makarovich; GRIGOR'YEV, A.A., akademik, otvetstvennyy
redaktor; LEBEDEV, N.G., redaktor; NOGINA, N.I., tekhnicheskii
redaktor

[Central Asia; a sketch of its physical geography] Sredniasia Aziia,
fiziko-geograficheskii ocherk. Moskva, Gos. izd-vo geogr. lit-ry,
1957. 268 p. (MLRA 10:2)
(Soviet Central Asia—Physical geography)

MURZAYEV, E.M.

Visit to China. Izv. AN SSSR. Ser. Geog. no.3:112-113 My-Je '57.
(MIRA 10:12)

1. Institut geografii AN SSSR.
(China--Geography--Study and teaching)
(China--Relations (General) with Russia)
(Russia--Relations (General) with China)

MURZAYEV L. M.
MURZAYEV L. M.

Physical geographical zoning of arid regions. Izv. AN SSSR, Ser.
geog. no.4:16-20 JI-Ag '57. (MIRA 11:1)

1. Institut geografii AN SSSR.
(Arid regions)

MURZAYEV, E.M.
MURZAYEV, E.M.

"Linguistics," vol.14 of "Naukovi zapysky" of the Institute of
Linguistics of the Academy of Sciences of the Ukrainian S.S.R.
Izv. AN SSSR. Ser. geog. no.4:127-128 J1-Ag '57. (MIRA 11:1)
(Names, Geographical)

Мурзаев, М.М.
MURZAYEV, M.M.

Results and tasks of the study of physical geography in the Soviet
Union. Izv. AN SSSR. Ser. geog. no.5:50-55 S-O '57. (MIRA 11:2)
(Physical geography)

MURZAYEV, E. professor.

A traveler's friend. Sov. foto 17 no. 4: 19-21 Ap '57. (MIRA 10:6)
(Photography)

MURZAYEV, E.M.

MURZAYEV, E.M., doktor geograficheskikh nauk.

The science of geography in China. Vest. AN SSSR 27 no.5:68-72
My '57. (MIRA 10:6)
(China--Geography--Study and teaching)

MURZAYEV, E.M., doktor geograficheskikh nauk.

Recent vulcanism in Central Asia. Priroda 46 no.3:90-92 Mr '57.
(MLRA 10:3)

1. Institut geografii Akademii nauk SSSR (Moskva).
(Asia, Central--Volcanoes)

MURZAYEV, E.M., doktor geograficheskikh nauk.

Sinkian combined expeditions. Priroda 46 no.6:102-103 Je '57.
(MLRA 10:7)

1. Institut geografii Akademii nauk SSSR (Moskva).
(Sinkiang-Uigur Autonomous region--Physical geography)

MURZAYEV, E. M.

YUSOV, Boris Vasil'yevich; MURZAYEV, E.M., doktor geograficheskikh nauk,
red.; ABRAMOV, L.S., red.; GLEYKH, D.A., tekhn.red.

[Tibet; its physical geography] Tibet; fiziko-geograficheskaya
kharakteristika. Pod red. E.M.Murzaeva. Moskva, Gos. izd-vo
geogr. lit-ry, 1958. 222 p. (MIRA 11:5)
(Tibet--Physical geography)

BERG, Lev Semenovich, akad., red.; GELLER, S.Yu., doktor geograficheskikh nauk, otv. red.; GERASIMOV, I.P., akad., red.; GRIGOR'YEV, A.A., akad., red.; KALESNIK, S.V., red.; LINDBERG, G.U., red.; MARKOV, K.K., red.; MURZAYEV, E.M., red.; NIKOL'SKIY, G.V., red.; NIKOL'SKAYA, V.V., red.; OBRUCHEV, D.V., red.; PAVLOVSKIY, Ye.N., akad., red.; SVETOVIDOV, A.N., red.; SPRIGINA, L.I., red. izd-va.; KUZ'MIN, I.F., tekhn. red.

[Selected works] Izbrannye trudy. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 2. [Physical geography] Fizicheskaya geografiya. 1958. 425 p.
(MIRA 11:11)

1. Chlen-korrespondent AN SSSR (for Kalesnik, Nikol'skiy, Svetovidov).
(Physical geography)

физико-геогр. Азия

GELLER, S.Yu.; ZIMINA, R.P.; KEMMERIKH, A.O.; KUNIN, V.N.; KUVSHINOVA, K.V.;
MURZAYEV, B.M., doktor geograf.nauk; RYAZANTSEV, S.N.; FORMOZOV,
A.N.; FREYKIN, Z.G.; CHUBUKOV, L.A.; ZABIROV, R.D.; KOROVIN, Ye.P.;
ROZANOV, A.N.; RODIN, L.Ye.; RUBTSOV, N.I.; SPYGINA, L.I., red.
izd-va; POLENOVA, T.P., tekhn.red.

[Central Asia; its physical geography] Sredniala Azia; fiziko-
geograficheskaya kharakteristika. Moskva, 1958. 647 p. (MIRA 11:6)

1. Akademiya nauk SSSR. Institut geografii. 2. Institut geografii
Akademii nauk SSSR (for Geller, Zimina, Kemmerikh, Kunin, Kuvshinova,
Murzayev, Ryazantsev, Formozov, Freykin Chubukov). 3. Akademiya
nauk Kirgizskoy SSR (for Zabiroy). 4. Akademiya nauk Uzbekskoy SSR
(for Korovin). 5. Pochvennyy institut AN SSSR (for Rozanov). 6.
Botanicheskiy institut AN SSSR (for Rodin). 7. Akademiya nauk
Kazakhskoy SSR (for Rubtsov)

(Soviet Central Asia--Physical geography)

MURZAYEV, E.M.

AUTHOR: Murzayev, E.M.

10-58-2-14/30

TITLE: The Prominent Arabian Geographer and Historian of the Xth Century, Al Masudi (Vydayushchiysya arabskiy geograf i istorik X veka Al-Masudi)

PERIODICAL: Izvestiya Akademii nauk SSSR - Seriya geograficheskaya, 1958, Nr 2, pp 107 - 109 (USSR)

ABSTRACT: The author gives a short biography of the above-mentioned Arabian geographer and historian. There are 14 references, 11 of which are Soviet, 2 French and 1 Dutch.

ASSOCIATION: Institut geografii AN SSSR (Institute of Geography of the AS USSR)

1. Biography

Card 1/1

AUTHOR: Murzayev, E.M., Professor (Moscow) SOV-26-58-9-34/42
TITLE: Travel Notes of an Indian Diplomat (Putevyye zametki indiy-
skogo diplomata)
PERIODICAL: Priroda, 1958, Nr 9, pp 117-119 (USSR)
ABSTRACT: This is a review of K.P. Shivanshakara Menon's book "Drevney
Tropoyu" (On an Ancient Path), Traveling Notes, translated
from English by Zelenina, A. and Kunina, D., published by the
Izdatel'stvo inostrannoy literatury (Publishing House of For-
eign Literature), 1958, 216 pp.

1. Literature

Card 1/1

MURZAYEV, E.M., doktor geograficheskikh nauk

~~Sinkiang Expedition~~ Sinkiang Expedition. Vest. AN SSSR 28 no. 7:88-91 J1 '58.

(MIRA 11:?)

(Sinkiang-Uigur Autonomous region--Reclamation of land)

KUZNETSOV, N.T.; MURZAYEV, E.M., doktor geograf.nauk, otv.red.;
VOLYNSKAYA, V.S., red.izd-va; KASHINA, P.S., tekhn.red.

[Hydrography of rivers of the Mongolian People's Republic]
Gidrografiia rek Mongol'skoi Narodnoi Respubliki. Moskva,
Izd-vo Akad.nauk SSSR, 1959. 152 p. (MIRA 12:9)
(Mongolia--Rivers)

TOLOKOMNIKOVA, Anna Andreyevna; MURZAYEV, E.M., doktor geograf.nauk, otv.
red.; ABRAMOV, L.S., red.; GOLITSYN, A.V., red.kart; VILENSKAYA,
E.N., tekhn.red.

[Burma; physicogeographical features] Birma; fiziko-geograficheskaya
kharakteristika. Moskva, Gos.izd-vo geogr.lit-ry, 1959. 156 p.
(MIRA 12:12)

(Burma--Physical geography)

PREOBRAZHENSKIY, V.S.; FADEYEVA, N.V.; MUKHINA, L.I.; TOMILOV, G.M.;
MURZAYEV, E.M., doktor geograf.nauk, etv.red.; TUGARINOV,
D.M., red.isd-va; MARKOVICH, S.G., tekhn.red.

[Types of landscape and natural zones of the Buryat A.S.S.R.]
Tipy mestnosti i prirodnoe raionirovanie Buriatskoi ASSR.
Moskva, Izd-vo Akad.nauk SSSR, 1959. 215 p. (MIRA 12:6)

1. Sotrudniki Instituta geografii Akademii nauk SSSR (for
Preobrazhenskiy, Fadeyeva, Mukhina, Tomilov).
(Buryat-Mongolia--Physical geography)

MURZAYEV, Eduard Makorovich; MURZAYEVA, Valentina Grigor'yevna; KUMKES,
S.N., red.; MALKES, B.N., mladshiy red.; KOSHELEVA, S.M.,
tekhn.red.

[Dictionary of local geographical terms] Slovar' mestnykh geo-
graficheskikh terminov. Moskva, Gos.izd-vo geogr.lit-ry, 1959.
301 p. (MIRA 12:11)

(Geography--Dictionaries)

3(5)

SCV/10-59-2-3/29

AUTHOR: Murzayev, E.M.

TITLE: Geographical Observations in Dzungaria

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geograficheskaya, 1959, Nr 2, pp 25-36 (USSR)

ABSTRACT: This is a resumé of the geographical observations made by the author in autumn 1956 and summer 1957 during the Sinkiang Joint expedition of the AS Chinese People's Republic into the northern part of the Sinkiang-Uigur autonomous region - the Dzungarian depression. The author visited the northern Tyan'-Shan' slopes in the Manass basin, and other localities on the northern slopes of this mountain range, and also the plains of the western part of Dzungaria from the Tyan'-Shan' to the Khobuk River valley. The observations proved very interesting, particularly in the light of a comparison of the natural conditions of Sinkiang

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SCV/10-30-2-3/20

Geographical Observations in Dzungaria

and Central Asia. The author sets forth some materials of field observations concerning: 1) special features of the relief of the northern Tyan-Shan; declivity in the basin of the Manass and some other rivers flowing west of it; 2) the distribution of loess and loess-like loamy soils of the same declivity; 3) the prolonged depression in the lower belt of the mountains; 4) the erosion cones and the inclined plain filled with mountainous rubble deposits; 5) the old alluvial-accumulative plain of Dzungaria and its dead valleys; 6) the sands on the outskirts of this plain; 7) the stony deserts, pebble hammadas on basic rocks; and 8) the migration of rivers and lakes. The author concludes that the data supplied by him in this article does not fully exhaust the materials of his observations. Some of the remaining problems, such as the correlations of lake basins in the western section of the

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017/10-59-1-3/19

Geographical Observations in Dzungaria

Dzungarian plain, were dealt with in another article by the author dedicated to observations on Dzungarian lakes and still others need further analysis. The author mentions the scientists V.A. Obruchev and O.S. Vyalov. There are 5 photos and 3 Soviet references.

ASSOCIATION: Sin'tszyanskaya kompleksnaya ekspeditsiya AN KPR (The Sinkiang Joint Expedition of the AS Chinese People's Republic) Institut Geografii AN SSSR (Institute of Geography of the AS USSR)

Card 3/3

MURZAYEV, E.M.

3(2),3(0)

AUTHOR: Pospelov, Ye. M.

SOV/6-59-3-15/16

TITLE: Conference on Problems of the Transliteration of Geographic Names (Soveshchaniye po voprosam transkripsii geograficheskikh nazvaniy)

PERIODICAL: Geodeziya i kartografiya, 1959, Nr 3, pp 76-78 (USSR)

ABSTRACT: The Conference convened by the Presidium of the AS USSR was held from January 26 to 31, 1958 at the Institut geografii AN SSSR (Geographic Institute of the AS USSR). It dealt with the present state of the transliteration of geographic names and with the ways of rapidly eliminating various deficiencies. The Conference was attended by 89 delegates from various organizations and scientific centers. Chairman was the Assistant Director of the Geographic Institute of the AS USSR, Professor E. M. Murzayev. The following lectures were heard: M. B. Volostnova and S. A. Tyurin "Activity in the Field of Transliteration at the Glavnoye upravleniye geodezii i kartografii (Central Administration of Geodesy and Cartography)". There is already a card file with about 1,000,000 cards. A permanent commission for transliteration problems was formed in 1950.

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see card 1

M. Kh. Baranov analyzed the general state of transliteration

Conference on Problems of the Transliteration of
Geographic Names

SOV/6-59-3-15/16

of geographic names and suggested that an All-Union Committee for the transliteration of geographic names be established. P. K. Makayuda illustrated the activity at the Gidrograficheskaya sluzhba VMF (Hydrographic Service of the Navy) with respect to the transliteration of geographic names. Ye. M. Pospe-
lov reported on "The Situation of Transliteration Abroad". He pointed out that on the whole the foreign transliteration authorities cannot serve as an example, but some positive aspects can and must be made use of. E. M. Murzayev lectured on "Local Geographic Terms". In the course of discussions the necessity became evident of putting order into the problems of transliterating the names of foreign persons into the Russian language, and also into the problem of transliterating Russian and foreign names into the languages of the peoples of the USSR. The Conference decided to ask the Council of Ministers of the USSR that a central coordinating organ be created. It should be entitled to supervise the transliteration of geographic names and names of persons in the USSR and to exert control on the transliteration activity all over the USSR.

Card 2/2

3(5)

SOV/10-59-22/29

AUTHORS: Murzayev, E.M., and Ryabchikov, A.M.

TITLE: South-America - Physical Geography

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geograficheskaya, 1959, Nr 4, pp 146-147 (USSR)

ABSTRACT: This is a review the above-mentioned book on the physical geography of South America published by the Uchpedgiz Publishing House, Moscow, 1958.

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SOV/10-59-5-5/25

AUTHOR: Murzayev, E.M.

TITLE: Physico-Geographical Characteristics of the Northern Part of the Tarim Depression and Its Regions

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geograficheskaya, 1959, Nr 5, pp 38-48 (USSR)

ABSTRACT: The author took part in the Sinkiang Multi-purpose Expedition organized by the Academy of Sciences of the Chinese People's Republic to explore the natural conditions and resources of the northern part of the Tarim Depression with a view towards adapting these parts for agricultural and cattle-breeding purposes. The author considers this depression as one of the most arid regions of the world. The depression is completely isolated by the huge T'ien-shan and K'un-lun mountain ranges. Therefore, all sediments carried from the mountain slopes accumulated here during many centuries and formed very thick sedimentary strata. Here, Quaternary deposits

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SOV/10-59-5-5/25

Physico-Geographical Characteristics of the Northern Part of the
Tarim Depression and Its Regions

alone form strata more than 1,000 m thick. Comparing this depression with the Fergana depression, the author stresses the difference between these two depressions, on which depend the peculiar physico-geographical conditions of the Tarim depression: 1) this depression, as said, is completely isolated, whereas the Fergana depression is drained by the Syr-Dar'ya River; 2) the difference in dimensions of both depressions and of surrounding mountains reflects on the scale of all physico-geographic, geological and geochemical processes occurring there; 3) a different gypsometric situation. The Tarim depression is situated 500 to 700 higher than Fergana and, in consequence, there is a large difference in the average annual temperature. Only in the lowest part of the Tarim Depression - at Turfana - the absolute tempera-

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SOV/10-59-5-5/25

Physico-Geographical Characteristics of the Northern Part of
the Tarim Depression and Its Regions

ture maximum is 48.1° which makes possible the growing of long-fibered cotton; 4) There is an opening in the mountain range, which surrounds Fergana, orientated to the west, and through this opening humidity-carrying air-streams penetrate into Fergana and discharge the precipitation there; the Tarim depression is separated from these air-streams and, though it is open to the Pacific monsoons in the east, these air-streams dry out while passing over the large deserts. The total water discharge from mountains surrounding the Tarim depression is about 30 cu km per year, whereas the Syr-Dar'ya River alone collects about 38 cu km per year from a considerably smaller region. A total annual amount of precipitation in the Fergana depression is over 1,000 mm in some places, and in the Tarim depression it averages 40 to 60 mm per year. This

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SOV/10-59-5-5/25

Physico-Geographical Characteristics of the Northern Part of
the Tarim Depression and Its Regions

is why the deserts in the Tarim zone reach the 2,000 m level, even there replaced by semi-desert steppes; 5) In Fergana the maximum precipitation occurs in the cold months and in the Tarim zone - in summer. The author further gives a detailed description of the Tarim depression, stating that only the southern slopes of the Tien-Shan mountain range are regions where agriculture and cattle-breeding are possible. The author cites the names of A.A. Yunatov and of two Chinese scientists, Chou T'eng-ch'u and Yang Ch'ing-Shan, who helped him in his research.

ASSOCIATION: Sin'tszyanskaya kompleksnaya ekspeditsiya (Sinkiang
Multi-purpose Expedition) Institut geografii AN SSSR
(Institute of Geography of the AS USSR)

Card 4/4

AUTHOR: Murzayev, E. M., Doctor of Geography SOV/30-58-7-17/49

TITLE: Comprehensive Ex edition to **Hsin-chiang** (Kompleksnaya ekspeditsiya v Sin'tazyane)

PERIODICAL: Vestnik Akademii nauk SSSR, Nr 7, pp. 90 - 91 (USSR)

ABSTRACT: The vast territory of **Hsin-chiang** (approximately 1,7 million km²) is still thinly populated. In recent years important occurrences of mineral oil have been discovered in various places of this province. In the course of the next years, the railroad **Akto'ay-Lan-chou** which is to connect the Soviet Union and China and the construction of which has already considerably progressed - will exercise an important influence on the economic situation of this province and of whole western China. The government of the autonomous district **Hsin-chiang Uigur** plans a further utilization of the fallows and an increase in the productivity of the old irrigated areas. Besides the working-army the Fallows Management, the Department of Water-Supply, the Agricultural Institute **Hsin-chiang** and other organizations were engaged in carrying out these plans. The Academy of Sciences

Card 1/3

Comprehensive Expedition to Hsin-chiang

SOV/30-58-7-17/49

of the Chinese People's Republic organized a great expedition the principal task of which consists in the investigation of the natural conditions and natural resources for the purpose of stepping up agricultural production. 8 collaborators of the Institute of Geography, Soil Science and Botany of the AS USSR also take part in this expedition. The participation of further 10 Soviet Scientists who are well acquainted with the conditions of the desert zone in 1958, is provided. In 1957, this expedition worked with 10 divisions: the Geomorphological, Hydrogeological, Hydrological, Botanical, the Department of Soil Investigation, the Economic -Geographical, Agronomical, Entomological and one Investigating most recent tectonics. The vast area in the northern Hsin-chiang in the Dzungarian Depression and in the valley of the rivers Ili and Manas were investigated. The investigations carried out in the lakes of Dzungaria are also reported to be interesting. The Soviet Scientists were charged to impart their experience gained in the work carried out in the desert districts of Central Asia (srednyaya Aziya) and Kazakhstan to their Chinese colleagues. In September 1957, the Soviet Scientists finished their investigations in this field

Card 2/3

Comprehensive Expedition to **Hsin-chiang**

SOV/30-50-7-17/49

and undertook a reconnaissance trip to the basin of the river
Tarim which is the largest river of Central Asia (Tsentral'naya
Aziya). There are 2 figures.

Card 3,3

MURZAYEV, E.M.

Toponymy in the Polish People's Republic. Izv. AN SSSR. Ser.
geog. no. 4: 129-131 J1-Ag '60. (MIRA 13:7)
(Poland--Names, Geographical)

MURZAYEV, M. M., prof.

Geography in our days. Priroda no.6:49-52 Je '60.
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(Geography—Congresses)

MURZAYEV, Eduard Makarovich; VASIL'YEVA, O.S., red.; KONOVALYUK, I.K.,
mladshiy red.; VILENSKAYA, E.N., tekhn. red.

[Central Asia; studies of nature] Sredniaia Aziia; ocherki
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(MIRA 15:3)

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On the 10th anniversary of the death of Academician L. S. Berg.
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1. Institut geografii AN SSSR, Moskva.
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1. Institut geografii AN SSSR.

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(Names, Geographical)

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MURZAYEV, E.F.

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(Sinkiang 1962)

(Sinkiang Province---Names, Geographical)

MURZAYEV, E.M.

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Geneva, Switzerland 4-20 February 1963

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Dmitrii Ivanovich Shcherbakov, a geographer; on his 70th birthday.
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1. Institut geografii AN SSSR.
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nauk, otv. red.

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 D'YAKONOV, F.V.; GERASIMOV, I.P., akademik, red.;
 PREOBRAZHNENSKIY, V.S., red.; RIKHTER, G.D., red.; ABRAMOV, L.S.
 red.; ARMAND, D.I., red.; GELLER, S.Yu., red.; ZONN, S.V., red.;
 DZERDZHEYEVSKIY, B.L., red.; KOMAR, I.V., red.; LAVRENKO, Ye.M.,
 red.; LEONT'YEV, N.F., red.; LETUNOV, P.A., red.; L'VOVICH,
 M.I., red.; MESHCHERYAKOV, Yu.A., red.; MINTS, A.A., red.;
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MURZAYEVA, E.M., red.

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1. Soveshchaniye po toponimike Vostoka. Moscow, 1961.

MURZAYEV, K. A.

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So.: Knizhnaya Letopis', No. 6, 1956.

MURZAYEV, K.A., starshiy nauchnyy sotrudnik

Pears preserved in sugar sirup. Kons.i ov.prom. 17 no.10:40
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1. Nauchno-issledovatel'skiy pishchevoy promyshlennosti
Dagestanskogo soveta narodnogo khozyaystva.
(Fruit, Canned)

MURZAYEV, Mikhail Abramovich
**MURZAYEV, Mikhail Abramovich; LYUDSKOV, B.P., redaktor; BALASHOV, V.I.,
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(Carbonated waters)

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lenie koordinat tselei po karte. Moskva, Voenizdat, 1964.
62 p. (MIRA 17:3)

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VASEYKO, I.Ye., general-mayor artillerii; KRASOVSKIY, L.V.,
polkovnik, red.; MURZAYEV, N.I., red.

[Firing service; a collection of methodological recommendations and exercise on the firing service of ground artillery] Ognevaia sluzhba; sbornik metodicheskikh rekomendatsii i uprazhnenii po ognevoi sluzhbe nazemnoi artillerii. Moskva, Voenizdat, 1965. 214 p.

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MURZAYEV, P.D.

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(Melitopol' region—Road construction)

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ASD-51A METALLURGICAL LITERATURE CLASSIFICATION	
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A-1

Seriation of pyroxenes in the Gdov district, Leningrad. P. M. Muskhelishvili (Compt. rend. Acad. Sci. U.S.S.R., 1968, 4, 245-248).—In a recently discovered outcrop of biotite-gneiss beneath Palaeozoic rocks the foliation is altered to a fine scale aggregate of sericite. This is believed to be due to hydrothermal action, whereas in northern Karelia a similar product is produced by surface weathering. L. J. S.

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A-1

RC

Saltwater and its origin. P. M. Murzakov. (Compt. rend. Acad. Sci. U.R.S.S., 1941, 88, 398-407).—Evidence against the theory that saltwater, a large cryst. form of halite, is a product of the dynamo-metamorphism of granular rock-salt is presented. L. S. T.

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8

The genetic relationships between gypsum and anhydrite. P. M. Murzaev (Univ. Dnepropetrovsk, U.S.S.R.). *Zapiski Vostochnogo Mineral. Obshchestva* (Mém. soc. russe minéral.) 79, 339-41 (1947); *Chem. Zentr.* 1947, II, 17. - Microscopic examin. of recent gypsum specimens from 13 dry lakes (chiefly in Russian middle Asia and the Crimea) revealed no anhydrite crystals. It is therefore possible that anhydrite is always secondary.
M. G. Moore

C. A. MURZAYEV, P M

Possible ways of acceleration of the natural processes of formation and accumulation of native sulfur. P. M. Murzaev. *Doklady Akad. Nauk S.S.S.R.* 72, 343 5 (1967).---Lab. expts. showed that the largest quantity of sulfates reduced to S in nature is to be attributed to sulfate-reducing bacteria. H_2S is oxidized to S and further to H_2SO_4 by both free O and by the activity of autotrophic "sulfur" bacteria. Thus a 2-stage process for native S formation is postulated, viz., (1) reduction of sulfates to H_2S and (2) oxidation of H_2S to free S. Expts. were also made under natural conditions with algae, grass, and molasses as nutrients for the bacteria. 24 references.

Gladys S. Macy

5

CA

The heavy mineral fractions of the ore layers of the Lebedyansk District in the magnetic anomaly of Kuruk
P. M. Murzany. *Zapiski Vsesoyuz. Mineral. Obshchestva*
(Mem. soc. russ. mineral.) 79, 61-64 (1951).—The most
characteristic heavy fraction minerals in the sedimentary
series of the Kuruk anomaly are: black ores (ilmenite,
magnetite, octahedral martite), similar to the ores of the
deeper quartzite horizons of the anomaly; limonite; mar-
casite; siderite, in variable forms, as sphaeroidite, or in
clear rhombohedra, often intergrown with ore and quartz;
tourmaline; staurolite; rutile. A particular study is
given to the sphaeroidite which makes these heavy frac-
tions rather different from "normal" Jurassic sediments.
It is concluded that the sediments were deposited in pockets
in the relief of the older parts of the geological anomaly
region. Together with observations on the fauna in the
sediments it is concluded that the genesis is a typical lagoon
sedimentation, with a very high number of individuals, but
relatively few species. The low contents of allochthonous min-
erals in the heavy fractions confirm this conclusion, and
the formation of $FeCO_3$ required a high local concn. of CO_2 ,
in a strongly reducing medium. W. Eitel

MURZAYEV, P.M.

Concerning V.D.Kogan's article "Genesis of native sulfur." Izv.
AN SSSR Ser. geo. 25 no.2:107-108 F '60. (MIRA 13:10)
(Sulfur) (Kogan, V.D.)

MURZAYEV, P.M. (Kishinev)

Microbes as the creators of sulphur "deposits." Priroda 51 no.6:
94-97 Je '62. (MIRA 15:6)
(Sulphur industry) (Bacteria, Sulfur)

IVANOV, V.A.; MURZAYEV, P.M.

Conference on the geology of sulfur. Sov. geol. 6 no.11:
153-156 N '63. (MIRA 17:1)

1. Gosudarstvennyy geologicheskiy komitet SSSR i Kishinevskiy
geologicheskiy institut.

MURZAYEV, P.M.

Virgin sulfur of Australia. Priroda 52 no.9:92-93 '63.

(MIRA 16:11)

1. Institut geologii i poleznykh iskopayemykh AN Moldavskoy SSR,
Kishinev.

10/29/77, 1:11

New proposal for the... of...
no. 58111-107 By... (125-1212)

1. Haldovsky... (125-1212) per regl.

MURZAYEV, P.M.

First All-Union Conference on the Geology of Native Sulfur.
Izv. AN SSSR. Ser. geol. 29 no.4:126-128 Ap'64.

(MIRA 17:5)